

**DEPARTMENT OF TRANSPORTATION****DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-000140**Date Inspected:** 08-Nov-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 1330**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**Quality Control Contact:** Xie Ping & (ABF) Jeff Evans**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** N/A**Bridge No:** 34-0006**Component:** Charpy V-Notch Specimens**Bid Item:** 52 (SF)**Lot No:** N/A**Summary of Items Observed:**

On this date, Caltrans Office of Structural Materials (OSM), Quality Assurance (QA) Inspector, David A. Smith was present for the observations related the following;

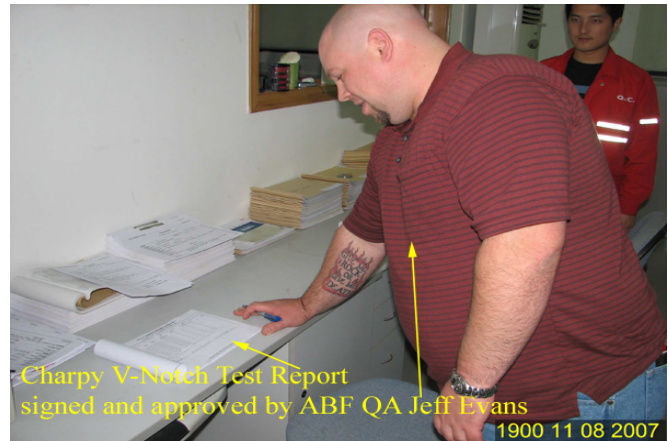
Caltrans QA Inspector did witness Charpy V-notch mechanical tests being performed by ZPMC Quality Control (QC) personnel Ms. Xie Ping and Mr. Pu Xinhua. American Bridge/Fluor (ABF) Inspector Jeff Evans was also present and informed this Caltrans QA Inspector that the material had been previously cut from sample plate and witnessed by another Caltrans QA Inspector and that the previous set of samples had failed due to the bevel of the notch not meeting the required visual specifications. Random specimens for several samples were selected and their bevel viewed through a Specimen Dimensional Comparator JTT-23J using a 50X (power) magnifier and appeared to meet project specifications. The ZPMC QC personnel Sun Bo witnessed the testing and ZPMC technician, Mr. Pu Xin Hua performed the testing of the sample specimens from the following heat numbers: 07302829NO, 74500702274495, 74500702264468, 74500702264407, 74500702284702, 07302640NO, 07302679NO, 7300310N, 7300310N and 7300311N. The test machine utilized was an Impact tester Model #JB-300B with a calibration due date of 9/7/2008. There were a total of 10 samples, 3 specimens from each sample, tested for which Ms. Xie Ping recorded the test results. The specimens were tested at -03.9 degrees Celsius. Ms. Xie Ping reviewed the recorded results and informed this Caltrans QA Inspector that the specimens tested on this date had passed.

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## SOURCE INSPECTION REPORT

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### Summary of Conversations:

There were no pertinent conversations pertaining to the project during this shift.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

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**Inspected By:** Smith,David

Quality Assurance Inspector

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**Reviewed By:** Cochran,Jim

QA Reviewer